

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 246496

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address ASCENT ENERGY, LLC. 1621 18th St Denver, CO 80202		2. OGRID Number 325830
4. Property Code 320528		3. API Number 30-025-44310
5. Property Name BROTOSAURUS		6. Well No. 301H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
M	15	21S	35E	M	235	S	640	W	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
D	15	21S	35E	D	330	N	365	W	Lea

9. Pool Information

WILSON;BONE SPRING, NORTH	97704
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Additional Well Information

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3583
16. Multiple N	17. Proposed Depth 13100	18. Formation Bone Spring	19. Contractor	20. Spud Date 7/1/2018
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.375	54.5	1815	1000	0
Int1	12.25	9.625	40	5210	1100	0
Prod	8.75	5.5	20	13100	1700	4200

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	3000	3000	

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature:	OIL CONSERVATION DIVISION
Printed Name: Electronically filed by Jody C Robins	Approved By: Paul Kautz
Title: VP Drilling	Title: Geologist
Email Address: jrobins@ascentenergy.us	Approved Date: 1/11/2018 Expiration Date: 1/11/2020
Date: 1/3/2018 Phone: 720-710-8999	Conditions of Approval Attached

Form C-102
 State of New Mexico
 Energy, Minerals & Natural Resources Department
 OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505
 Phone: (505) 394-6101 Fax: (505) 394-6770
 District I
 311 S. First St., Aztec, NM 87410
 Phone: (505) 746-2411 Fax: (505) 746-4720
 District II
 1000 Rio Pecos Road, Aztec, NM 87412
 Phone: (505) 384-6178 Fax: (505) 384-6110
 District III
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3462 Fax: (505) 476-3462

State of New Mexico
 Energy, Minerals & Natural Resources Department
 OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-102
 Revised August 1, 2011
 Submit one copy to appropriate
 District Office
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 APT Number		2 Pool Code 97704		3 Pool Name WILSON BONE SPRING NORTH	
4 Property Code		5 Property Name BROTOSAURUS		6 Well Number 30111	
7 OGRID No. 325830		8 Operator Name ASCENT ENERGY		9 Elevation 3583'	
10 Surface Location					
UL or lot no. M	Section 15	Township 21 S	Range 35 E	Lot Idn	County LEA
Feet from the		North/South line		Feet from the	
235		SOUTH		640	
East/West line		WEST			
11 Bottom Hole Location If Different From Surface					
UL or lot no. D	Section 15	Township 21 S	Range 35 E	Lot Idn	County LEA
Feet from the		North/South line		Feet from the	
330		NORTH		365	
East/West line		WEST			
12 Dedicated Acres					
13 Joint or Infill					
14 Consolidation Code					
15 Order Fee					

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

	GEOCENTRIC COORDINATES NAD 27 NME SURFACE LOCATION Y= 536,890.7 X= 799,732.5 LAT= 32.472272°N LONG= 103.361443°W FIRST TAKE POINT NAD 27 NME Y= 536,895.5 X= 799,456.4 LAT= 32.472539°N LONG= 103.362335°W	GEOCENTRIC COORDINATES NAD 83 NME SURFACE LOCATION Y= 536,951.3 X= 840,915.9 LAT= 32.472394°N LONG= 103.351920°W FIRST TAKE POINT NAD 83 NME Y= 537,046.1 X= 840,639.8 LAT= 32.472551°N LONG= 103.362613°W	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this is particularly true with respect to the well location and the bottom hole location. I understand that the information contained herein is being used for the purpose of dedicating the well location and the bottom hole location to the public domain. I understand that the information contained herein is being used for the purpose of dedicating the well location and the bottom hole location to the public domain. I understand that the information contained herein is being used for the purpose of dedicating the well location and the bottom hole location to the public domain.
	CORNER COORDINATES TABLE NAD 27 NME A - Y= 536,850.8 N, X= 799,094.7 E B - Y= 536,861.2 N, X= 800,414.5 E C - Y= 536,291.7 N, X= 799,006.3 E D - Y= 539,303.5 N, X= 800,387.8 E E - Y= 541,834.0 N, X= 799,041.3 E F - Y= 541,949.9 N, X= 800,380.7 E	CORNER COORDINATES TABLE NAD 83 NME A - Y= 536,711.2 N, X= 840,278.1 E B - Y= 536,721.8 N, X= 841,597.9 E C - Y= 539,252.4 N, X= 840,251.8 E D - Y= 539,264.2 N, X= 841,571.2 E E - Y= 541,894.7 N, X= 840,224.6 E F - Y= 542,010.6 N, X= 841,544.0 E	18 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.
	LAST TAKE POINT NAD 27 NME Y= 541,805.4 X= 799,405.5 LAT= 32.485241°N LONG= 103.362351°W BOTTOM HOLE LOCATION NAD 27 NME Y= 541,608.4 X= 799,409.6 LAT= 32.485247°N LONG= 103.362351°W	LAST TAKE POINT NAD 83 NME Y= 541,867.1 X= 840,392.9 LAT= 32.485363°N LONG= 103.362826°W BOTTOM HOLE LOCATION NAD 83 NME Y= 541,589.1 X= 840,522.9 LAT= 32.485355°N LONG= 103.362826°W	1-3-2018 Date of Survey Signature and Seal of Professional Surveyor
	MARK DILLON HARGRAVES Certificate Number A W 2017111802		

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Comments

Permit 246496

PERMIT COMMENTS

Operator Name and Address: ASCENT ENERGY, LLC. [325830] 1621 18th St Denver, CO 80202		API Number: 30-025-44310
		Well: BROTOSAURUS #301H

Created By	Comment	Comment Date
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Form APD Conditions

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Permit 246496

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: ASCENT ENERGY, LLC. [325830] 1621 18th St Denver, CO 80202	API Number: 30-025-44310
	Well: BROTOSAURUS #301H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing -- 3) Liner - Cement must tie back into production casing
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool - 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.